



SEQUENCE LISTING

<110> Bayer HealthCare AG
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Hosse, Ralf
Krucken, Jurgen
Wunderlich, Frank

<120> Use of Novel Eimeria Gene and Corresponding Protein

<130> LeA 36 695

<140> US 10/562,324

<141> 2005-12-23

<150> PCT/EP2004/007080

<151> 2004-06-30

<150> DE10330235.2

<151> 2003-07-04

<160> 24

<170> PatentIn version 3.3

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<212> DNA

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ggctacaaga acaagtttga ag atg agg act atc cta gcc acc cta gtc ggt 112
Met Arg Thr Ile Leu Ala Thr Leu Val Gly
1 5 10
ttc aca gcc tgc gca gcc gtt gct gca gac gga gca cct gag tat cct 160
Phe Thr Ala Cys Ala Ala Val Ala Ala Asp Gly Ala Pro Glu Tyr Pro
15 20 25
tct cag ctt gca gtt gaa atc gat cca gaa gcg att att gcg atc cag 208
Ser Gln Leu Ala Val Glu Ile Asp Pro Glu Ala Ile Ile Ala Ile Gln
30 35 40
caa gat gca aac gcc gac cca cgt ctc ttt ttc cca ctg agc ggg ctt 256
Gln Asp Ala Asn Ala Asp Pro Arg Leu Phe Phe Pro Leu Ser Gly Leu
45 50 55
gtc tcc gcc aaa ctt gcc aaa gtc ttt caa ccc aac ata tac cca acc 304
Val Ser Ala Lys Leu Ala Lys Val Phe Gln Pro Asn Ile Tyr Pro Thr
60 65 70
cct cct agt ccc cag aca act tac cac ttt cac ctc cat cct cat ccc 352
Pro Pro Ser Pro Gln Thr Thr Tyr His Phe His Leu His Pro His Pro
75 80 85 90
cat tat ccg cat cct cag cca agt tat cct cat cct caa ccc cat cat 400
His Tyr Pro His Pro Gln Pro Ser Tyr Pro His Pro Gln Pro His His
95 100 105
cct cat cct cat cct tat cat cct cat cct cat ccc cat cat cct cat 448
Pro His Pro His Pro Tyr His Pro His Pro His Pro His His Pro His
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125 130 135	
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155 160 165 170	
cat tat cac cat gac tac cat ttt gcg cat cct cat caa gag aac cag His Tyr His His Asp Tyr His Phe Ala His Pro His Gln Glu Asn Gln	640
175 180 185	
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190 195	
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 35 40 45

Pro Arg Leu Phe Phe Pro Leu Ser Gly Leu Val Ser Ala Lys Leu Ala
 50 55 60

Lys Val Phe Gln Pro Asn Ile Tyr Pro Thr Pro Pro Ser Pro Gln Thr
 65 70 75 80

Thr Tyr His Phe His Leu His Pro His Pro His Tyr Pro His Pro Gln
 85 90 95

Pro Ser Tyr Pro His Pro Gln Pro His His Pro His Pro His Pro Tyr
100 105 110

His Pro His Pro His Pro His His Pro His Pro His Pro His Gln His
115 120 125

Pro His Arg His Pro Asp His His Pro His His His Pro His His His
130 135 140

His His Glu His Asn Val His Val Pro Gln His Gln His Ala Gln His
145 150 155 160

Asn Gly His Gln Asn Asn Gly Gly Pro Ala His Tyr His His Asp Tyr
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aacggccacc agaacaacgg tggccagct cattatcacc atgactacca ttttgcgcat 540
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<223> Primer T7-Promotor

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